

# Pt100 Load Probe



Made in the UK 

## Description

Pt100 load sensor designed to prevent moisture ingress when exposed to water or steam in autoclaves and sterilisers.

These resistance thermometer load sensors have a Pt100 Class B element housed in a 5.5mm diameter stainless steel sheath 150mm long (1/4" diameter for Duplex probes). This is then terminated into a flexible conduit lead 1 meter long, housing silicone rubber insulated wires. There is then a stainless steel bulkhead transition piece which allows a compression fitting to seal the chamber. The sensor is supplied with an integral 3/8" BSPP brass fitting as standard and comes complete with a 2 metre silicone insulated flexible lead wire.

The RTD is supplied in either single or duplex 3 wire versions, with the constructions designed to stop the ingress of moisture in the high pressure environment of autoclaves or sterilisers.



## Specification

Product	Pt100 Load Probe
Type	Pt100 3 wire simplex or duplex
Temp Range	-50 to 200°C
Probe Length	150mm
Probe Dia	5.5mm or 1/4"
Bulkhead	5.5mm or 1/4" x 75mm
Conduit Length	1 metre
Lead Length	2 metre
Fitting	3/8" BSPP brass compression fitting
Lead material	Silicone rubber insulated
Termination	Stripped leads
Part Number	RGLOS / RGL0D

## Features

- Pt100 Class B 3 wire Simplex or Duplex
- -50 to 200°C Temperature Range
- 2 Metre Flexible Silicone Lead Wire
- 3/8" BSPP Compression fitting included

## Application

- Autoclaves
- Sterilisers
- Pharmaceutical

## Looking for a quote?

Our technical sales engineers will discuss your application and provide a quotation.



For more information visit:  
[sterlingsensors.co.uk](http://sterlingsensors.co.uk)



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